

Agrocel's *K-immune*TM

ECO FRIENDLY NON-TOXIC

CHITOSAN 10%

Natural Support for Primary Cell Health



AVAILABLE IN 500 ML & 1 LTR PACK

Agrocel's K-immune

IMMUNITY BOOSTING SHIELD

Agrocel's K-immune is a Oligosaccharide which is an oligomer of β -(1,4)- linked d-glucosamine. Agrocel's K-immune can be marked as a green product. Agrocel's K-immune has shown to possess a broad spectrum, Anti-Microbial and Anti-Oxidant activity against several Phytopathogenic Organisms and to induce numerous biological responses in plants. Chitosan also inherits other biological properties such as Non-Toxicity, Bio Compatibility and Bio Degradability, which make Chitosan a sustainable and Eco-Friendly molecule.

K immune application results in stimulation of plant growth and increase of crop yields. **K immune helps in plant disease control by acting as a powerful elicitor which activates immune system in plants.**

Agrocel's K-immune is biodegradable, environment friendly, and biocompatible with other chemicals, it is an ideal resource for sustainable agriculture.

Agrocel's K-immune is a chitin-based Immunity Boosting shield derived from Marine organism. K Immune helps in reducing the incidence of Early & Late blight, Downy & Powdery mildew, stems fruit rotting, Virus (Yellow Mosaic Virus), xanthomonas & bacterial blight effectively.

Benefits of K-immune

- **K-immune** builds up natural plant defense activator derived from deacetylation of chitin, a compound also providing the immunity in crop which enhances resistance against pathogens (Fungal, Viral, Bacterial, Nematode, etc).
- **K-immune** induces plant immune reactions and plant self-defences that increase resistance against environmental stresses (Heat, Cold, Drought, etc)
- **K-immune** offers the plant ability to grow with less water, can accelerate growth, germination, and improve the quality of flowers and fruits.
- **K-immune** is effective against Seed borne pathogens when applied as seed treatment and helps in better seed germination, seedling vigour and growth.
- **K-immune** application in soil is effective to kill nematodes. It acts by inducing proliferation of chitinolytic microorganisms destroying cuticle of nematodes and their eggs.
- **K-immune** induces plant growth by influencing plant physiological processes like nutrient uptake, cell division, cell elongation, enzymatic activation and synthesis of protein that can lead to plant growth and increased yield.

Target Diseases:

- Downey mildew, Powdery mildew, Blight, Wilt, Leaf spot, Root rot and stem rot.
- **K-immune** helps in controlling different viral diseases like Okra Yellow mosaic, leaf curl virus, Papaya mosaic virus, Tomato leaf curl virus, little leaf virus in chilly.

Major crops:

Grapes, Mango, Pomegranate, Apple, Sapota, Orange, Banana, Tea, Vegetables, Flower, Cereals, Sweet Orange, Papaya, Strawberry.

Application:- K-immune can be applied on all crops at any stage.

Dosage:

- 2.5ml/litre for foliar spray that can be repeated at intervals of 10 to 15 days depending upon severity of the diseases.
- 2-3 ml/lit water for soil drench (150-500 ml solution/plant as per stage to control Nematodes, Root rot & Stem rot diseases)
- 5-10 ml per 1 litre water for seed treatment (Soak Seedlings for 10 minutes- dried under shed for 30 minutes to 1 hr before plantation).



Marketed by:

AGROCEL INDUSTRIES PVT. LTD.

Marketing Office: Near Koday Char Rasta, Koday Mandvi, Kutch - 370460, Gujarat, INDIA.

Tel.: +91 22 29270871/72 • Fax: +91 22 29270874 • Cel.: +91 9820173646, +91 9978983865

Email: info@agrocel.net, Website: www.agrocel.co.in

Customer Care No.: +91 2832 253429, +91 7046496001.